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(54) **ANAEROBIC MICROBIAL COMPOSITION
AND METHODS OF USING SAME**

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USPC **435/243**; 435/252.3; 435/6.1; 435/132;
536/23.2; 536/23.1

(58) **Field of Classification Search**

None

See application file for complete search history.

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(57) **ABSTRACT**

A microbial composition for concurrent dechlorination of a
mixture of chlorinated ethanes and chlorinated ethenes
includes a isolated consortium of bioremediative microorgan-
isms comprising strains of microorganism comprising
Clostridium, *Acetobacterium*, *Dehalobacter*, *Bacteroides*,
and *Proteobacteria*. The composition may also include
Methanomicrobia.

13 Claims, 9 Drawing Sheets